

Price Proposal



A DESIGN-BUILD PROJECT

Military Highway Continuous Flow Intersection

From: 0.023 Miles South of Lowery Road

To: 0.230 Miles North of Interstate 64

Norfolk, Virginia

State Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

Federal Project No.: STP-5A03 (755)

Contract ID Number: C00001765DB81

August 11, 2015

Submitted to: Virginia Department of Transportation **VDOT**
Virginia Department of Transportation

Submitted by: The Lane Construction Corporation **LANE**

In association with: Parsons Brinckerhoff



August 11, 2015

Bryan W. Stevenson, P.E.
Alternate Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219

RE: Military Highway Continuous Flow Intersection
State Project No: 0013-122-V03, 0165-122-V04, 0165-122-181
Federal Project No.: STP-5A03 (755)
Contract ID No.: C00001765DB81

Mr. Stevenson:

The Lane Construction Corporation (LANE) is pleased to submit our Price Proposal for the above referenced design-build project with the Virginia Department of Transportation (VDOT). Our response contains all information requested in the RFP dated April 17, 2015 and Addendum Numbers 1-3.

The LANE Team appreciates the opportunity to propose on this critically important project. We look forward to partnering with VDOT to make the Military Highway Continuous Flow Intersection project a landmark success for the citizens of Virginia.

Should you have any additional questions, I can be contacted by phone at (703) 222-5670 or e-mail at KKPrince@laneconstruct.com.

Respectfully,

Kenneth K. Prince
District Manager
The Lane Construction Corporation

The Lane Construction Corporation

Mid-Atlantic Regional Office
14500 Avion Parkway, Suite 200, Chantilly, VA 20151 USA T 703.222.5670 F 703.222.5960
An Equal Opportunity Employer M/F/D/V

LaneConstruct.com

ATTACHMENT 4.0.1.2

**DESIGN-BUILD PRICE PROPOSAL
CHECKLIST**

**Project Name: Military Highway CFI
Contract ID Number: C00001765DB81**

➤ **Contents of Price Proposal:**

- ☒ **Proposal Price, in both numbers and words (Attachment 4.3.1)**
 - ☒ **Schedule of Items itemized in accordance with Part 1, Section 4.3.2, including material quantities and costs of each proposed work package**
 - ☒ **Proposed Monthly Payment Schedule showing the anticipated schedule on which funds will be required and associated value of work in accordance with Part 1, Section 4.3.3**
 - ☒ **Price Adjustment Information and Forms for Fuel, Asphalt and Steel, including identification of pay items and associated quantities eligible for adjustment (Part 3, Section 6.3, Attachments 6.3)**
 - ☒ **Proposal Guaranty (C-24) required by Section 102.07 of Part 5, Division I Amendments to the Standard Specifications**
 - ☒ **Sworn Statement Forms (C-104, C-105, Attachments 4.3.6(a) and 4.3.6(b))**
 - ☒ **Attachment 3.6 Form C-78 Acknowledgement of RFP, Revision, and/or Addendum**
 - ☒ **CD-ROM containing the entire Price Proposal in a single cohesive Adobe PDF file**
-

ATTACHMENT 3.6**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**RFP NO. C00001765DB81PROJECT NO.: 0165-122-V04**ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA**

Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.6, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

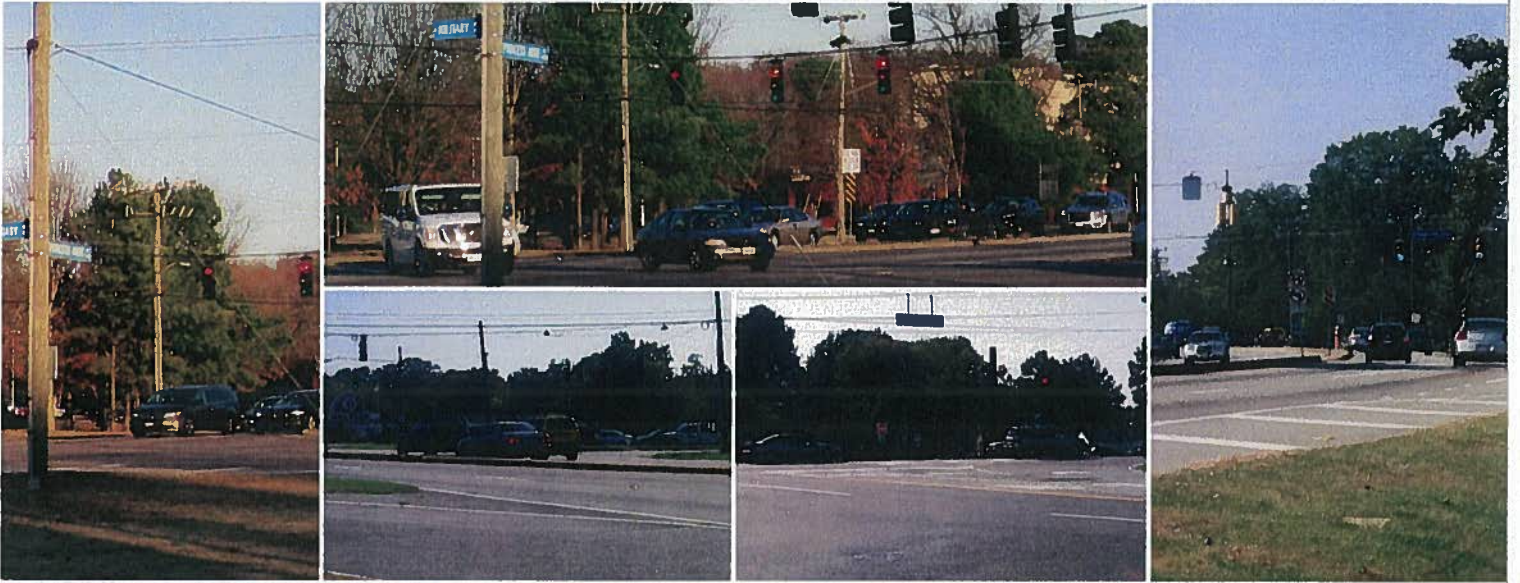
1. Cover letter of April 17, 2015 – RFP
(Date)
2. Cover letter of July 2, 2015- Addendum #1
(Date)
3. Cover letter of July 13, 2015- Addendum #2
(Date)
4. Cover letter of July 22, 2015- Addendum #3
(Date)


SIGNATUREAugust 11, 2015
DATEKenneth K. Prince

PRINTED NAME

District Manager

TITLE



ATTACHMENT 4.3.1

PRICE PROPOSAL FORM

4.3.1 Offeror shall specify the pricing information for the items below, the dollars amount shall be in whole numbers:

Price Proposal Cost Breakdown Summary;

Design Services, LS	\$ <u>7,500,000.⁰⁰</u>
Construction Services (exclude QA/QC), LS	\$ <u>50,641,000.⁰⁰</u>
Quality Assurance (QA) (Construction), LS	\$ <u>1,150,000.⁰⁰</u>
Quality Control (QC) (Construction), LS	\$ <u>850,000.⁰⁰</u>

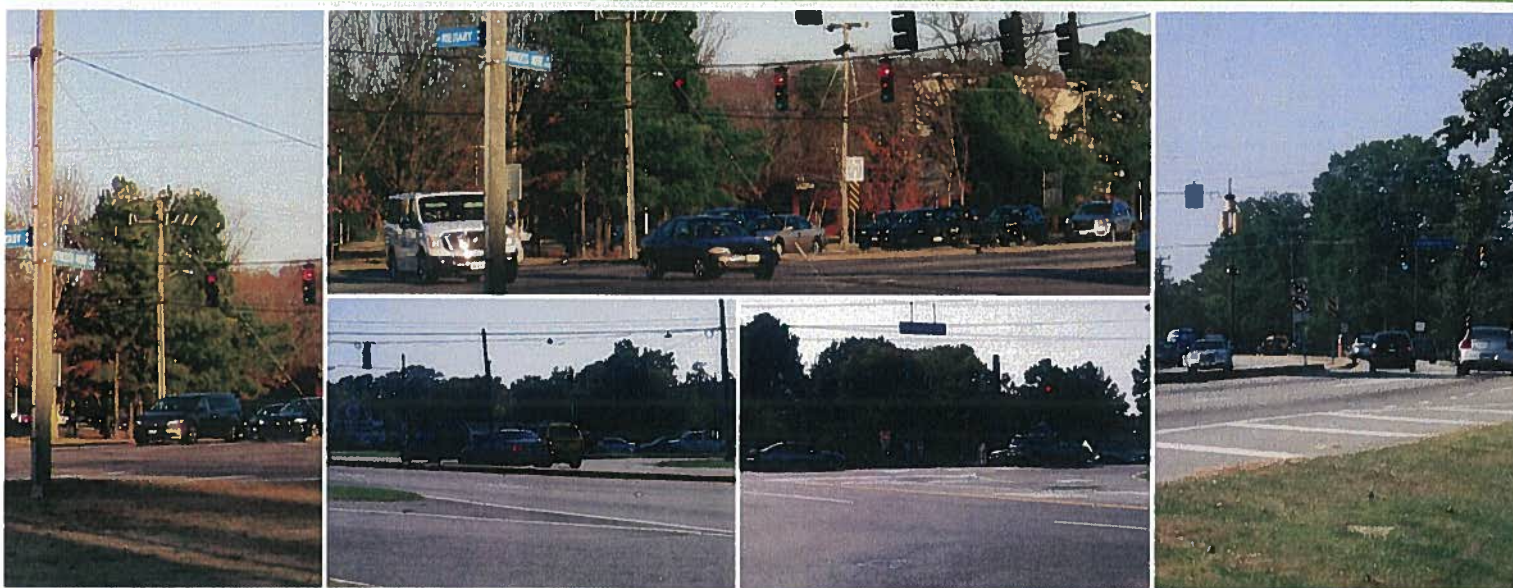
Proposal Price; (Specify the Total Lump Sum price in both numbers and words, this price shall **equal** to the total sum of the items listed above)

Lump Sum (LS): SIXTY MILLION ONE HUNDRED FORTY ONE
THOUSAND DOLLARS + ^{NO}/CENTS (\$ 60,141,000.⁰⁰)

Signature: Kenneth J. Pomeroy Date: August 11, 2015

Design-Builder: The LANE Construction Corporation

Vendor No.: L 002



Attachment 4.3.2

The Lane Construction Corporation		Military Highway Continuous Flow Intersection	
90 Fieldstone Court		Project No. 0013-122-V03, 0165-122-V04, 0165-122-181	
Cheshire, CT 06410		Contract ID No. C00001765DB81	
Bid Date August 11, 2015		Attachment 4.3.2 - Schedule of Items (ver. 4-15-2014)	

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measures that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustment shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Sequence No.	VDOT Item Code	Description	Approximate Quantity	Units	Unit Price	Budgeted Cost (\$)	Adjustment Item	
							Asphalt	Fuel
100	104	PROJECT DESIGN	1	LS	\$ 7,500,000.00	\$ 7,500,000.00		
200	25595	QUALITY CONTROL	1	LS	\$ 850,000.00	\$ 850,000.00		
300	25593	QUALITY ASSURANCE	1	LS	\$ 1,150,000.00	\$ 1,150,000.00		
310	49013	DRY UTILITY RELOCATION COSTS	1	LS	\$ 4,250,000.00	\$ 4,250,000.00		
320	49014*	WET UTILITY RELOCATION COST(SEWER)	1	LS	\$ 750,000.00	\$ 750,000.00		
400	49015*	WET UTILITY RELOCATION CREDITS	1	LS	\$ 375,000.00	\$ 375,000.00		
590	28551	WETLAND MITIGATION CREDITS	1	LS	\$ 354,000.00	\$ 354,000.00		
600	28553	ENVIRONMENTAL MONITORING	1	LS	\$ 10,000.00	\$ 10,000.00		
700	29000*	LANDSCAPING REQUIREMENTS	1	LS	\$ 250,000.00	\$ 250,000.00		
800	25561	FORMAL PARTNERING	1	LS	\$ 30,000.00	\$ 30,000.00		
850	00105*	PUBLIC COMMUNICATION/OUTREACH	31	MO	\$ 26,000.00	\$ 806,000.00		
880	00106*	TRAFFIC MONITORING	1	LS	\$ 250,000.00	\$ 250,000.00		
900	25565	PROGRESS SCHEDULE BASELINE	1	LS	\$ 19,947.90	\$ 19,947.90		
1200	00100	Mobilization	1	LS	\$ 3,000,000.00	\$ 3,000,000.00		
1225	85130	PERFORMANCE & PAYMENT BONDS	1	LS	\$ 545,000.00	\$ 545,000.00		
1250	85135*	PROJECT INSURANCE	1	LS	\$ 230,000.00	\$ 230,000.00		
1300	00101	Construction Surveying (Construction)	1	LS	\$ 400,000.00	\$ 400,000.00		
1350	00109	Utility Locating (test pits)	250	EA	\$ 225.00	\$ 56,250.00		
1400	00110	Clearing and Grubbing	1	LS	\$ 400,000.00	\$ 400,000.00		
1500	00120	Regular Excavation	25,692	CY	\$ 28.00	\$ 719,376.00		Yes
1600	00150	Embankment	60,970	CY	\$ 9.00	\$ 548,730.00		Yes
1610	00250*	Under cut & refill	5,000	CY	\$ 60.00	\$ 300,000.00		Yes
1650	00190	5' surcharge with Wick drains	13,814	CY	\$ 85.00	\$ 1,174,190.00		Yes
2250	00522	CONSTRUCT BOX CULVERT	183	LF	\$ 8,600.00	\$ 1,573,800.00		Yes
2400	00525	Concrete Class A3 MIs.	3	CY	\$ 1,000.00	\$ 3,000.00		Yes
2650	00585	Underdrain UD-2	4,315	LF	\$ 18.00	\$ 77,670.00		
2700	00588	Underdrain UD-4	15,866	LF	\$ 9.00	\$ 142,794.00		
3000	00595	Outlet Pipe	2,045	LF	\$ 22.00	\$ 44,990.00		
3200	00700	Post Installation Inspection	24,793	LF	\$ 3.00	\$ 74,379.00		
3300	01152	15" Pipe	6,131	LF	\$ 140.00	\$ 858,340.00		
3400	00182	18" Pipe	3,412	LF	\$ 175.00	\$ 597,100.00		
3500	01242	24" Pipe	3,606	LF	\$ 185.00	\$ 667,110.00		
3600	01302	30" Pipe	4,162	LF	\$ 200.00	\$ 832,400.00		
3700	01362	36" Pipe	472	LF	\$ 310.00	\$ 146,320.00		
3800	01422	42" Pipe	663	LF	\$ 340.00	\$ 225,420.00		
3900	01482	48" Pipe	220	LF	\$ 430.00	\$ 94,600.00		
3910	01363	36" pipe +conc. cradle at out fall of SWM	100	LF	\$ 315.00	\$ 31,500.00		
4500	06180	18" End Section ES-1 or 2	9	EA	\$ 1,100.00	\$ 9,900.00		

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The Lane Construction Corporation		Military Highway Continuous Flow Intersection	
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Cheshire, CT 06410		Contract ID No. C00001765DB81	
Bid Date August 11, 2015		Attachment 4.3.2 - Schedule of Items (ver. 4-15-2014)	

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Sequence No.	VDOT Item Code	Description	Approximate Quantity	Units	Unit Price	Budgeted Cost (\$)	Adjustment Item	
							Asphalt	Fuel
4510	06240	24" End Section ES-1 or 2	4	EA	\$ 1,200.00	\$ 4,800.00		
4700	06300	30" End Section ES-1 or 2	5	EA	\$ 1,900.00	\$ 9,500.00		
4800	06360	36" End Section ES-1 or 2	2	EA	\$ 2,400.00	\$ 4,800.00		
4810	06420	42" End Section ES-1 or 2	1	EA	\$ 3,000.00	\$ 3,000.00		
4820	06480	48" End Section ES-1 or 2	1	EA	\$ 3,200.00	\$ 3,200.00		
5200	06815	Drop Inlet DI-3A	99	EA	\$ 4,100.00	\$ 405,900.00		
5500	06819	Drop Inlet DI-3B, L=8'	33	EA	\$ 8,000.00	\$ 264,000.00		
6800	06836	Drop Inlet DI-3C, L=8'	32	EA	\$ 5,700.00	\$ 182,400.00		
8700	07506	Drop Inlet DI-5	2	EA	\$ 5,700.00	\$ 11,400.00		
8800	07508	Drop Inlet DI-7	10	EA	\$ 5,500.00	\$ 55,000.00		
9000	09056	Manhole MH-1 or 2	88	VF	\$ 690.00	\$ 60,720.00		
9100	09057	Frame & Cover MH-1	10	EA	\$ 1,000.00	\$ 10,000.00		
9200	09060*	Pipe Tie In storm drainage pipe to str./pipe	7	EA	\$ 2,000.00	\$ 14,000.00		
9300	09150	Eros. Contr. Stone Cl. I, EC-1	212	SY	\$ 120.00	\$ 25,440.00		Yes
9600	09250	Slope Drain	12	EA	\$ 1,000.00	\$ 12,000.00		
9700	10017	Cem Stab Aggr. Base Matl. Ty. I No. 21A	45,300	TON	\$ 65.00	\$ 2,944,500.00		Yes
9800	10062	Asph.-Stab. Open-Graded Material	10,760	TON	\$ 110.00	\$ 1,183,600.00	Yes	Yes
9900	10100	Aggr. Base Matl. Ty. I No. 21B	7,010	TON	\$ 31.00	\$ 217,310.00		Yes
10100	10416	Liquid Asphalt	20,513	GAL	\$ 4.00	\$ 82,052.00	Yes	Yes
10200	11070	Pavement Sawcut Full Depth between phases & tieins	34,240	LF	\$ 3.00	\$ 102,720.00		
10300	10611	Asphalt Concrete Ty. IM-19.0D	15,476	TON	\$ 95.00	\$ 1,470,220.00	Yes	Yes
10400	10628	Flexible Pave. Planing 0" - 2"	216	SY	\$ 25.00	\$ 5,400.00		Yes
10500	10637	Asphalt Concrete Ty. SM-9.5E	15,476	TON	\$ 130.00	\$ 2,011,880.00	Yes	Yes
10700	10642	Asphalt Concrete Ty. BM-25.0A	37,633	TON	\$ 90.00	\$ 3,386,970.00	Yes	Yes
10800	12020	St'd. Curb CG-2	480	LF	\$ 20.00	\$ 9,600.00		
10900	12022	Radial Curb CG-2	64	LF	\$ 21.00	\$ 1,344.00		
10910	12030	St'd. Curb CG-3	200	LF	\$ 20.00	\$ 4,000.00		
10920	12600	St'd. Comb. Curb & Gutter CG-6	16,004	LF	\$ 29.00	\$ 464,116.00		
10940	12610	Rad. Comb Curb & Gutter CG-6	4,348	LF	\$ 29.00	\$ 126,092.00		
11000	12700	St'd. Comb. Curb & Gutter CG-7	228	LF	\$ 29.00	\$ 6,612.00		
11100	12322	Asphalt curb MC-3B	453	LF	\$ 20.00	\$ 9,060.00		
11200	12940	Entrance Gutter CG-9D	354	SY	\$ 95.00	\$ 33,630.00		
11300	13108	CG-12 Detectable Warning Surface	204	SY	\$ 125.00	\$ 25,500.00		
11350	26740	Slope protection at I-64 bridges	391	SY	\$ 95.00	\$ 37,145.00		
11400	13212	R/W Monument RM-2	133	EA	\$ 175.00	\$ 23,275.00		
11500	13315	Guardrail Terminal GR-11	4	EA	\$ 900.00	\$ 3,600.00		
11600	13320	Guardrail GR-2	75	LF	\$ 19.00	\$ 1,425.00		
11700	13323	Guardrail GR-2A	2,060	LF	\$ 27.00	\$ 55,620.00		

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Sequence No.	VDOT Item Code	Description	Approximate Quantity	Units	Unit Price	Budgeted Cost (\$)	Adjustment Item	
							Asphalt	Fuel
11800	13333	Rad. Guardrail GR-2A	97	LF	\$ 90.00	\$ 8,730.00		
11900	13345	Alt. Breakaway Cable Term. (GR-9)	20	EA	\$ 2,600.00	\$ 52,000.00		
12000	13312	Guardrail Terminal GR-7	1	EA	\$ 2,100.00	\$ 2,100.00		
12100	13392	Fixed Object Attach. GR-FOA-2 TY.1	3	EA	\$ 2,100.00	\$ 6,300.00		
12110	13355	GR-10 type III over the culvert	4	EA	\$ 2,200.00	\$ 8,800.00		
12210	13460	Median Barrier MB-7D	10	LF	\$ 200.00	\$ 2,000.00		
12220	13485	Median Barrier MB-8A	30	LF	\$ 475.00	\$ 14,250.00		
12230	13470	Median Barrier MB-9A	1	EA	\$ 2,700.00	\$ 2,700.00		
12240	13493*	Bridge pier protection system BPPS-1	1,881	LF	\$ 500.00	\$ 940,500.00		
12250	13490	Median Barrier MB-13	50	LF	\$ 500.00	\$ 25,000.00		
12300	13570	Soil Nail Wall	10,582	SF	\$ 220.00	\$ 2,328,040.00		
12400	13605	Impact Atten. Ser TY.1A (TL-2 45 mph max) temp.	9	EA	\$ 20,500.00	\$ 184,500.00		
12500	13606	Impact Atten. (TL-2, 45 mph Max. Des. SP) permanen	4	EA	\$ 17,000.00	\$ 68,000.00		
12600	13755	Precast Conc. Sound Barr. Wall	24,537	SF	\$ 55.00	\$ 1,349,535.00		
13000	21020	Median Strip MS-1	217	SY	\$ 42.00	\$ 9,114.00		
13010	21110	Median Strip MS-1A	7,225	SY	\$ 95.00	\$ 686,375.00		
13020	21215	Median Strip MS-2 (includes both rows of curb)	4,521	LF	\$ 80.00	\$ 361,680.00		
13030	13220	Hydr. Cement Conc. Sidewalk, 4"	11,158	SY	\$ 34.00	\$ 379,372.00		
13100	22643	Fence FE-CL	1,158	LF	\$ 30.00	\$ 34,740.00		
13200	22653	Line Brace Unit FE-CL	2	EA	\$ 125.00	\$ 250.00		
13300	22663	Corner Brace Unit FE-CL	38	EA	\$ 140.00	\$ 5,320.00		
13400	22677	Gate FE-CL L-14'	2	EA	\$ 1,800.00	\$ 3,600.00		
13450	23042	Water Gate FE-4 TY. 2	1	EA	\$ 2,200.00	\$ 2,200.00		
13700	24100	Allaying Dust	1,430	HR	\$ 80.00	\$ 114,400.00		
13750	50009	Maintenance of traffic (MOT)	25	MO	\$ 40,000.00	\$ 1,000,000.00		
13775	10612	Temporary Pavement for MOT	7,155	SY	\$ 70.00	\$ 500,850.00		
13800	24152	Type III Barricade 8'	55	EA	\$ 75.00	\$ 4,125.00		
13900	24160	Construction Signs	2,278	SF	\$ 18.00	\$ 41,004.00		
14000	24272	Truck Mounted Attenuator	3,696	HR	\$ 59.00	\$ 218,064.00		
14100	24278	Group 2 Channelizing Devices	25	MON	\$ 1,300.00	\$ 32,500.00		
14200	24279	Portable Changeable Message Sign(PCMS)	7	EA	\$ 8,200.00	\$ 57,400.00		
14300	24281	Electronic Arrow	3,696	HR	\$ 14.00	\$ 51,744.00		
14400	24282	Flagger Service	1,616	HR	\$ 30.00	\$ 48,480.00		
14450	24283	Police patrol (Norfolk police only)	3,696	HR	\$ 65.00	\$ 240,240.00		
14500	24290	Traffic Barrier Service Concrete	14,840	LF	\$ 20.00	\$ 296,800.00		
14700	24430	Demolition of Pavement (Flexible)	89,030	SY	\$ 8.00	\$ 712,240.00		Yes
14750	24420	Demolition of Pavement (Rigid)	16,175	SY	\$ 20.00	\$ 323,500.00		Yes
14755	24410	Demolition of Pavement (composite)	14,442	SY	\$ 25.00	\$ 361,050.00		Yes

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Sequence No.	VDOT Item Code	Description	Approximate Quantity	Units	Unit Price	Budgeted Cost (\$)	Adjustment Item	
							Asphalt	Fuel
14760	24435*	Demolition of curb, median & flat works	1	LS	\$ 175,000.00	\$ 175,000.00		
14800	24600	Remove Existing Guardrail	1,388	LF	\$ 2.50	\$ 3,470.00		
14900	24602	NS Remove Exist. Fence	2,120	LF	\$ 3.00	\$ 6,360.00		
15600	25000	Handrail HR-1 Type 1	934	LF	\$ 120.00	\$ 112,080.00		
15700	25505	Field Office Ty. I	33	MO	\$ 4,200.00	\$ 138,600.00		
15800	27022	Topsoil Class B 2"	20	ACRE	\$ 4,500.00	\$ 88,425.00		
15900	27102	Regular Seed	1,640	LB	\$ 17.00	\$ 27,880.00		
16000	27103	Overseeding	328	LB	\$ 5.00	\$ 1,640.00		
16100	27215	Fertilizer (15-30-15)	3	TON	\$ 1,700.00	\$ 5,100.00		
16200	27250	Lime	40	TON	\$ 225.00	\$ 9,000.00		
16300	27284	Erosion Control Mulch	18,876	SY	\$ 0.30	\$ 5,662.80		
16400	27321	Protective Covering EC-2	1,334	SY	\$ 2.00	\$ 2,668.00		
16650	00010*	Erosion control maintenance crew	31	MO	\$ 2,200.00	\$ 68,200.00		
16655	27405*	Construction entrances	10	EA	\$ 6,000.00	\$ 60,000.00		
16800	27415	Check Dam (Rock) Ty.II	38	EA	\$ 400.00	\$ 15,200.00		
16900	27430	Siltation Control Excavation	100	CY	\$ 18.00	\$ 1,800.00		Yes
17000	27440	Mowing	10	HR	\$ 200.00	\$ 2,000.00		
17100	27451	Inlet Protection, Type A	26	EA	\$ 250.00	\$ 6,500.00		
17200	27461	Inlet Protection, Type B	157	EA	\$ 175.00	\$ 27,475.00		
17300	27505	Temp. Silt Fence	21,455	LF	\$ 4.00	\$ 85,820.00		
17400	27507*	NS Fence Super Silt Fence	2,290	LF	\$ 10.00	\$ 22,900.00		
17500	27544*	NS Storm Water MGT. Clay Liner	2,060	CY	\$ 26.00	\$ 53,560.00		
17600	27545	Storm Water Management Basin Excavation	23,022	CY	\$ 12.00	\$ 276,264.00		Yes
18100	27550	NS SWM Drainage Str	15	VLF	\$ 18,000.00	\$ 270,000.00		
18200	27580	Temp. Sediment trap Excavation	670	CY	\$ 22.00	\$ 14,740.00		Yes
18300	28505*	NS Seed Mixture Marsh Seed	60	LB	\$ 75.00	\$ 4,500.00		
18500	28506*	NS Seed Mixture Temporary Seeding	1,500	LB	\$ 14.00	\$ 21,000.00		
23400	50108	Sign Panel	7,419	SF	\$ 28.00	\$ 207,732.00		
23500	50410	Sign Post Steel 10"	33	LF	\$ 60.00	\$ 1,980.00		
23600	50414	Sign Post Steel 14"	43	LF	\$ 110.00	\$ 4,730.00		
24000	50434	Sign Post STP-1 2 1/2"	923	LF	\$ 14.00	\$ 12,922.00		
24100	50490	Concrete Foundation STP-1	71	EA	\$ 525.00	\$ 37,275.00		
24200	50506	Conc. Found SSP-VI A 2'3" Dia. X 4'6"	2	EA	\$ 950.00	\$ 1,900.00		
24300	50528	Conc. Found. SSP-VI A 3' Dia. X 7'DE	2	EA	\$ 1,900.00	\$ 3,800.00		
24500	50575	Conc. Found. O/H Sign Structure	280	CY	\$ 1,150.00	\$ 322,000.00		
24600	50600	Rem. type I signs	50	EA	\$ 250.00	\$ 12,500.00		
24700	50601	Remove typ II signs	5	EA	\$ 700.00	\$ 3,500.00		
24800	50901*	O/H sign structure loc No.1	1	EA	\$ 53,000.00	\$ 53,000.00		

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Bid Date August 11, 2015		Attachment 4.3.2 - Schedule of Items (ver. 4-15-2014)	

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measures that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustment shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Sequence No.	VDOT Item Code	Description	Approximate Quantity	Units	Unit Price	Budgeted Cost (\$)	Adjustment Item	
							Asphalt	Fuel
24900	50902*	O/H sign structure loc No.2	1	EA	\$ 72,000.00	\$ 72,000.00		
25000	50903*	O/H sign structure loc No.3	1	EA	\$ 55,000.00	\$ 55,000.00		
25100	50904*	O/H sign structure loc No.4	1	EA	\$ 45,000.00	\$ 45,000.00		
25200	50905*	O/H sign structure loc No.5	1	EA	\$ 52,000.00	\$ 52,000.00		
25300	50906*	O/H sign structure loc No.6	1	EA	\$ 58,000.00	\$ 58,000.00		
25310	50907*	O/H sign structure loc No.7	1	EA	\$ 49,000.00	\$ 49,000.00		
25400	51030	Controller (ATC w/McCain Omni eX)	10	EA	\$ 18,000.00	\$ 180,000.00		
25500	51170	Electrical service SE-5	10	EA	\$ 2,400.00	\$ 24,000.00		
25600	51184	Traffic sig.Head sec 12" LED	423	EA	\$ 225.00	\$ 95,175.00		
25700	51198	Pedestrian actuator PA-2	56	EA	\$ 175.00	\$ 9,800.00		
25800	51212	Pedestal pole PF-2 12'	32	EA	\$ 600.00	\$ 19,200.00		
25900	51238	Conc. foundation signal pole PF-8	448	EA	\$ 1,350.00	\$ 604,800.00		
26000	51240	Conc. foundation PF-2	32	EA	\$ 500.00	\$ 16,000.00		
26100	51247	Conc. foundation CF-3	20	EA	\$ 3,000.00	\$ 60,000.00		
26500	51317	Sig.pole MP-1 20' one arm 30'	1	EA	\$ 12,500.00	\$ 12,500.00		
26600	51323	Sig.pole MP-1 20' one arm 36'	2	EA	\$ 13,500.00	\$ 27,000.00		
26700	51327	Sig.pole MP-1 20' one arm 40'	2	EA	\$ 13,500.00	\$ 27,000.00		
26800	51333	Sig.pole MP-1 20' one arm 46'	2	EA	\$ 15,000.00	\$ 30,000.00		
26900	51337	Sig.pole MP-1 20' one arm 50'	2	EA	\$ 15,000.00	\$ 30,000.00		
27000	51344	Sig.pole MP-1 20' one arm 56'	3	EA	\$ 16,200.00	\$ 48,600.00		
27100	51347	Sig.pole MP-1 20' one arm 60'	3	EA	\$ 16,200.00	\$ 48,600.00		
27200	51348	Sig.pole MP-1 20' one arm 62'	1	EA	\$ 17,000.00	\$ 17,000.00		
27300	51425*	Sig.pole MP-1 20' one arm 70'	4	EA	\$ 17,200.00	\$ 68,800.00		
27400	51426*	Sig.pole MP-1 20' one arm 75'	11	EA	\$ 18,000.00	\$ 198,000.00		
27500	51366	Sig.pole MP-1 20' two arms 35' & 45'	1	EA	\$ 19,000.00	\$ 19,000.00		
27600	51603	14/5 conductor cable	16,500	LF	\$ 1.50	\$ 24,750.00		
27700	51607	14/7 conductor cable	29,460	LF	\$ 2.00	\$ 58,920.00		
28500	51830	Hanger Assembly SM-3, One Way	135	EA	\$ 250.00	\$ 33,750.00		
28700	51838	Hanger Assembly SMB-3, One Way	58	EA	\$ 160.00	\$ 9,280.00		
28800	51955	Temp.traffic control signal	7	LS	\$ 50,000.00	\$ 350,000.00		
28900	52404	Pedestrian signal head SP-9	56	EA	\$ 500.00	\$ 28,000.00		
29000	55060	6 conductor cable	25,460	LF	\$ 1.50	\$ 38,190.00		
29100	55110	12 conductor cable	6,800	LF	\$ 1.00	\$ 6,800.00		
29200	55140	Conc. foundation LF-1 Ty.A	6	EA	\$ 1,800.00	\$ 10,800.00		
29300	55192	Lighting pole LP-2 Type H	6	EA	\$ 4,500.00	\$ 27,000.00		
29400	55516	Lumin.150 watt H.P.S underbridge	36	EA	\$ 950.00	\$ 34,200.00		
29500	55580	Junction box JB-R1	2	EA	\$ 1,450.00	\$ 2,900.00		
29600	55586	Junction box JB-S1	18	EA	\$ 1,000.00	\$ 18,000.00		

Attachment 4.3.2

The Lane Construction Corporation		Military Highway Continuous Flow Intersection	
90 Fieldstone Court		Project No. 0013-122-V03, 0165-122-V04, 0165-122-181	
Cheshire, CT 06410		Contract ID No. C00001765DB81	
Bid Date August 11, 2015		Attachment 4.3.2 - Schedule of Items (ver. 4-15-2014)	

This Schedule of Items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measures that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of Items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustment shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Sequence No.	VDOT Item Code	Description	Approximate Quantity	Units	Unit Price	Budgeted Cost (\$)	Adjustment Item	
							Asphalt	Fuel
29700	55587	Junction box JB-S2	71	EA	\$ 1,450.00	\$ 102,950.00		
29800	55588	Junction box JB-S3	108	EA	\$ 1,700.00	\$ 183,600.00		
29802	56014	Elec.ser.grd.electrode (10')	50	EA	\$ 160.00	\$ 8,000.00		
29804	56026	1 1/4" metal conduit	300	LF	\$ 19.00	\$ 5,700.00		
29806	56030	2" conduit	3,215	LF	\$ 4.00	\$ 12,860.00		
29808	56032	2" metal conduit	1,700	LF	\$ 24.00	\$ 40,800.00		
29810	56034	3" conduit	19,535	LF	\$ 4.50	\$ 87,907.50		
29812	56038	4" conduit	5,375	LF	\$ 6.00	\$ 32,250.00		
29814	56052	Bored conduit 4"	6,870	LF	\$ 36.00	\$ 247,320.00		
29816	56200	Trench excavation ECI-1	21,395	LF	\$ 7.50	\$ 160,462.50		
29818	56205	Test bore	46	EA	\$ 1,900.00	\$ 87,400.00		
29820	51963	Remove existing signals	9	EA	\$ 6,000.00	\$ 54,000.00		
29822	57001*	video detection cameras (flir/traicon)	41	EA	\$ 6,500.00	\$ 266,500.00		
29824	57002*	video detection comm. module	10	EA	\$ 3,400.00	\$ 34,000.00		
29826	57003*	video detection cable	11,000	LF	\$ 1.75	\$ 19,250.00		
29828	57004*	Emerg.preemp.optical detector (opticom)	41	EA	\$ 1,000.00	\$ 41,000.00		
29830	57005*	Emerg. preemp. phase selector	10	EA	\$ 4,500.00	\$ 45,000.00		
29832	57006*	Emerg. preempt. cable	11,000	LF	\$ 1.40	\$ 15,400.00		
29834	57007*	Uninterruptable power supply	10	EA	\$ 8,600.00	\$ 86,000.00		
29836	57008*	Wireless magnetic traffic sensors (sensys)	11	EA	\$ 26,000.00	\$ 286,000.00		
29838	57009*	Ethernet switches (Cisco IE-3000)	17	EA	\$ 2,400.00	\$ 40,800.00		
29840	57010*	CCTV poles 25'	7	EA	\$ 4,100.00	\$ 28,700.00		
29842	57011*	CCTV pole foundations	35	CY	\$ 1,000.00	\$ 35,000.00		
29844	57012*	CCTV cabinets	7	EA	\$ 7,000.00	\$ 49,000.00		
29846	57013*	CCTV cameras (cohu iDome)	7	EA	\$ 6,500.00	\$ 45,500.00		
29848	57014*	12 SMFO cable	3,400	LF	\$ 4.50	\$ 15,300.00		
29850	57015*	Relocate existing FO trunk cable	5,200	LF	\$ 7.50	\$ 39,000.00		
29900	54032	Type B Class I Pave. Line Marking 4"	51,208	LF	\$ 0.60	\$ 30,724.80		
30000	54038*	Type B Class I Pave. Line Marking 10"	15,158	LF	\$ 2.10	\$ 31,831.80		
30100	54042	Type B Class I Pave. Line Marking 24"	3,385	LF	\$ 3.60	\$ 12,186.00		
30600	54210	Remove Exist. Raised Pavement Marker	364	EA	\$ 11.00	\$ 4,004.00		
30700	54217	Snow Plow. Raised Pave. Marker Asph. Conc.	1,211	EA	\$ 30.00	\$ 36,330.00		
30710	54408*	Pave. Mess. Mark. Yield Marking	60	EA	\$ 30.00	\$ 1,800.00		
30720	54404	Pave. Mess. Mark. RR Xing	9	EA	\$ 300.00	\$ 2,700.00		
30730	54250	Pave. Mess. Mark. Bike Arrow	15	EA	\$ 75.00	\$ 1,125.00		
30740	54254	Pave Mess. Mark. Bike Symbol	15	EA	\$ 210.00	\$ 3,150.00		
30800	54240	Temp. Pave. Marker 1 Way	239	EA	\$ 12.00	\$ 2,868.00		
30900	54300	Pavement Mark. Elongated Arrow Single	129	EA	\$ 70.00	\$ 9,030.00		

Attachment 4.3.2

The Lane Construction Corporation		Military Highway Continuous Flow Intersection	
90 Fieldstone Court		Project No. 0013-122-V03, 0165-122-V04, 0165-122-181	
Cheshire, CT 06410		Contract ID No. C00001765DB81	
Bid Date August 11, 2015		Attachment 4.3.2 - Schedule of Items (ver. 4-15-2014)	

This Schedule of items shall identify the total material quantities and costs of each proposed pay item, using item codes and units of measures that are consistent with VDOT's list of standard and non-standard item codes. The Schedule of items shall be used to cost-load the project schedule, which will serve as the basis for progress payments. Any pay items considered for price adjustment shall be identified. The values and quantities shall be clearly supported by the escrowed pricing documents.

Sequence No.	VDOT Item Code	Description	Approximate Quantity	Units	Unit Price	Budgeted Cost (\$)	Adjustment Item	
							Asphalt	Fuel
31000	54400	Pavement Message Mark. "ONLY"	41	EA	\$ 110.00	\$ 4,510.00		
31100	54424	Constr. Pave. Mark. Ty. F Cl II Elongated Arrow	75	EA	\$ 90.00	\$ 6,750.00		
31200	54426*	Constr. Pave. Mark. Ty. F Cl II Only	22	EA	\$ 240.00	\$ 5,280.00		
31400	54550	Constr. Pave. Mark Ty. F, Cl. II 4"	224,375	LF	\$ 0.30	\$ 67,312.50		
31410	54565*	Remove temp pav.marking Ty.F,Cl.II 4"	130,497	LF	\$ 0.60	\$ 78,298.20		
		BID TOTAL				\$ 60,141,000.00		



The Lane Construction Corporation		Military Highway Continuous Flow Intersection	
90 Fieldstone Court		Project No. 0013-122-V03, 0165-122-V04, 0165-122-181	
Cheshire, CT 06410		Proposed Monthly Payment Schedule	
		Contract ID No. C00001765DB81	
Month	Year	Monthly Draw	Cumulative Draw
October	2015	\$ 300,000	\$ 300,000
November	2015	\$ 1,799,000	\$ 2,099,000
December	2015	\$ 1,026,000	\$ 3,125,000
January	2016	\$ 1,024,000	\$ 4,149,000
February	2016	\$ 1,378,000	\$ 5,527,000
March	2016	\$ 1,026,000	\$ 6,553,000
April	2016	\$ 1,328,000	\$ 7,881,000
May	2016	\$ 3,342,000	\$ 11,223,000
June	2016	\$ 3,549,000	\$ 14,772,000
July	2016	\$ 2,048,000	\$ 16,820,000
August	2016	\$ 2,378,000	\$ 19,198,000
September	2016	\$ 3,018,000	\$ 22,216,000
October	2016	\$ 3,032,000	\$ 25,248,000
November	2016	\$ 2,626,000	\$ 27,874,000
December	2016	\$ 1,563,000	\$ 29,437,000
January	2017	\$ 1,147,000	\$ 30,584,000
February	2017	\$ 1,850,000	\$ 32,434,000
March	2017	\$ 2,525,000	\$ 34,959,000
April	2017	\$ 2,821,000	\$ 37,780,000
May	2017	\$ 2,119,000	\$ 39,899,000
June	2017	\$ 1,539,000	\$ 41,438,000
July	2017	\$ 1,517,000	\$ 42,955,000
August	2017	\$ 3,244,000	\$ 46,199,000
September	2017	\$ 2,703,000	\$ 48,902,000
October	2017	\$ 3,388,000	\$ 52,290,000
November	2017	\$ 2,206,000	\$ 54,496,000
December	2017	\$ 1,353,000	\$ 55,849,000
January	2018	\$ 264,000	\$ 56,113,000
February	2018	\$ 336,000	\$ 56,449,000
March	2018	\$ 1,843,000	\$ 58,292,000
April	2018	\$ 1,807,000	\$ 60,099,000
May	2018	\$ 42,000	\$ 60,141,000

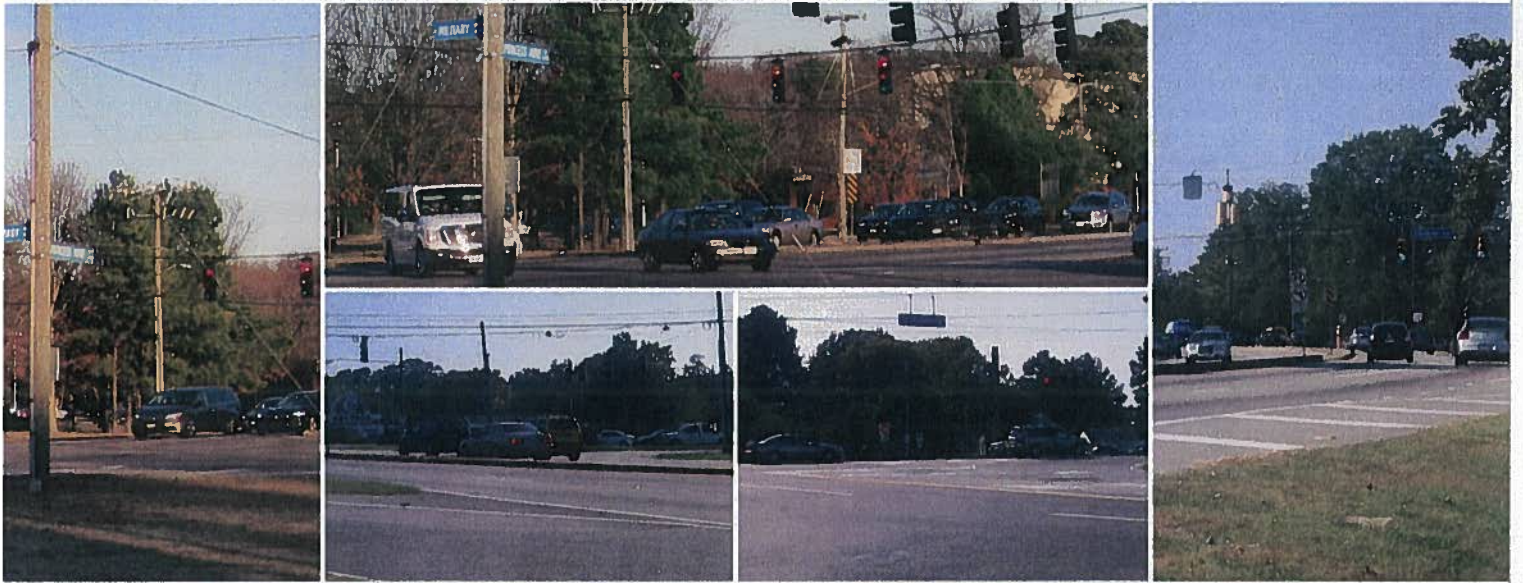


EXHIBIT 6.3(a)
ADJUSTMENT FOR ASPHALT

**SPECIAL PROVISION FOR
ASPHALT MATERIAL PRICE ADJUSTMENT
DESIGN-BUILD PROJECTS**

August 9, 2013

All asphalt material listed in the attached "Master Listing of Asphalt Material Items Eligible for Price Adjustment" will be adjusted in accordance with the provisions as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract. Any item added through a Work Order which contains Asphalt Material will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

Each month, the Department will publish an average state-wide PG 64-22 f.o.b. price per ton developed from the average terminal prices provided to the Department from suppliers of asphalt cement to contractors doing work in Virginia. The Department will collect terminal prices from approximately 12 terminals each month. These prices will be received once each month from suppliers on or about the last weekday of the month. The high and low prices will be eliminated and the remaining values averaged to establish the average statewide price for the following month. That monthly state-wide average price will be posted on the Construction Division website on or about the first weekday of the following month.

This monthly statewide average price will be the Base Index for all contracts on which Price Proposals are received during the calendar month of its posting and will be the Current Index for all asphalt placed during the calendar month of its posting. In the event an index changes radically from the apparent trend, as determined by the Engineer, the Department may establish an index which is determined to best reflect the trend.

The amount of adjustment applied will be based on the difference between the Price Proposal\Contract Base Index and the Current Index for the applicable calendar month during which the work is performed. Calculations must be done for each type of Asphalt Material put in place each month, whether the Current Index is higher or lower than the Base Index. The calculation for the adjustment shall be shown as follows:

$$A = Q \times \%AC \times IC$$

Where: A = Asphalt Adjustment Dollar Amount

Q = Quantity of Asphalt Material put in place during the month

%AC = % of Asphalt Cement in the Asphalt Material as specified in the Job Mix Formula

IC = Numeric Dollar Difference, either positive or negative, between the Base Index and Current Index

Example Calculation for Negative Price Adjustment (Credit back to VDOT):

7,500 Tons of SM-12.5A put in place during the month (Q), Job Mix is 6.1% Asphalt Cement for SM-12.5A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$500/Ton, Difference of - \$15.00/Ton (IC)

$$7,500 \text{ Tons SM-12.5A} \times 6.1\% \times \$15.00/\text{Ton} = - \$6,862.50 \text{ Adjustment Amount}$$

Example Calculation for Positive Price Adjustment (Paid to the Design-Builder):

10,000 Tons of BM-25.0A put in place during the month (Q), Job Mix is 5.2% Asphalt Cement for BM-25.0A (%AC), Base Index for the Contract is \$515/Ton, Current Index is \$560/Ton, Difference of + \$45.00/Ton (IC)

$$10,000 \text{ Tons BM-25.0A} \times 5.2\% \times \$45.00/\text{Ton} = + \$23,400.00 \text{ Adjustment Amount}$$

Adjustment of any asphalt material item designated as a price adjustment item which does not contain PG 64-22, except PG 76-22 or PG 70-28, will be based on the indexes for PG 64-22. The quantity of asphalt cement for asphalt concrete pavement to which adjustment will be applied will be the quantity based on the percent of asphalt cement shown on the appropriate approved job mix formula.

The quantity of asphalt emulsion for surface treatments to which adjustment will be applied will be the quantity based on 65 percent residual asphalt.

Price adjustment will be shown as a separate entry on the monthly application of payment for work packages completed; however, such adjustment will not be included in the total cost of the work for progress determination or for extension of contract time. Items the Design-Builder claims in its application of payment for asphalt adjustments must include supporting calculations certified by the Quality Assurance Manager (QAM). These calculations must be completed relative to the calendar month under which the work was performed and shall be submitted for either positive or negative adjustment.

Any apparent attempt to unbalance bids in favor of items subject to price adjustment or failure to submit required cost and price data as noted hereinbefore may result in rejection of items for asphalt adjustment.

**VIRGINIA DEPARTMENT OF TRANSPORTATION
MASTER LISTING OF
ASPHALT MATERIAL ITEMS ELIGIBLE FOR PRICE ADJUSTMENT
(10-27-09)**

ITEM	DESCRIPTION	UNITS	SPECIFICATION
10062	Asphalt-Stab. Open-Graded Material	Ton	313
10416	Liquid Asphalt	Gal	311 312
10420	Blotted Seal Coat Ty. B	Sy	ATTD
10422	Blotted Seal Coat Ty. C	Sy	ATTD
10423	Blotted Seal Coat Ty. C-1	Sy	ATTD
10424	Blotted Seal Coat Ty. D	Sy	ATTD
10598	Ns Asphalt Concrete	Ton	315
10606	Asphalt Concrete Ty. SM-9.5	Ton	315
10607	Asphalt Concrete Ty. SM-12.5A	Ton	315
10608	Asphalt Concrete Ty. SM-12.5D	Ton	315
10609	Asphalt Concrete Ty. SM-12.5E (76-22)	Ton	315
10610	Asphalt Concrete Ty. IM-19.0A	Ton	315
10611	Asphalt Concrete Ty. IM-19.0D	Ton	315
10612	Asphalt Conc. Base Cr. Ty. BM-25.0	Ton	315
10613	Asphalt Concrete Ty. BM-37.5	Ton	315
10635	Asphalt Concrete Ty. SM-9.5A	Ton	315
10636	Asphalt Concrete Ty. SM-9.5D	Ton	315
10637	Asphalt Concrete Ty. SM-9.5E (76-22)	Ton	315
10639	Asphalt Concrete Ty. SM-19.0	Ton	315
10642	Asphalt Concrete Ty. BM-25.0A	Ton	315
10643	Asphalt Concrete Ty. BM-25.0D	Ton	315
10650	Stone Matrix Asphalt SMA-9.5(70-22)	Ton	317
10651	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	317
10652	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	317
10653	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	317
10654	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	317
10655	Stone Matrix Asphalt SMA-19.0(76-22)	Ton	317
10701	Liquid Asphalt Coating	Sy	ATTD
12505	Asphalt Concrete Curb Backup Material	Ton	315
13240	Asphalt Concrete Sidewalk	Ton	504
16110	Emul. Asph. Slurry Seal Type A	Sy	ATTD
16120	Emul. Asph. Slurry Seal Type B	Sy	ATTD
16130	Emul. Asph. Slurry Seal Type C	Sy	ATTD
16144	Latex Mod. Emul. Treat. Type B	Ton	ATTD
16145	Latex Mod. Emul. Treat. Type C	Ton	ATTD
16146	Latex Mod. Emul. Treat. Rutfilling	Ton	ATTD
16161	Modified Single Seal	Sy	ATTD
16162	Modified Double Seal	Sy	ATTD
16249	Nontracking Tack Coat	Gal.	ATTD
16250	Liquid Asphalt Matl. CMS-2 (Mod)	Gal	ATTD

16251	Liquid Asphalt Matl. CMS-2	Gal	ATTD
16252	Liquid Asphalt Matl. CRS-2	Gal	ATTD
16253	Liquid Asphalt Matl. CRS-2H	Gal.	ATTD.
16254	Liquid Asphalt Matl. RC-250	Gal	ATTD
16256	Liquid Asphalt Matl. RC-800	Gal	ATTD
16257	Ns Liquid Asphalt Matl.	Gal	ATTD
16260	Liquid Asphalt Matl. CRS-2L	Gal	ATTD
16325	NS Asphalt Concrete	Ton	N/A
16330	Asphalt Concrete Ty. SM-9.0A	Ton	315
16335	Asphalt Concrete Ty. SM-9.5A	Ton	315
16337	Asph. Conc. Ty. SM-9.5ASL (Spot Level)	Ton	315
16340	Asphalt Concrete Ty. SM-9.5D	Ton	315
16342	Asph. Conc. Ty. SM-9.5DSL (Spot Level)	Ton	315
16345	Asphalt Concrete Ty. SM-9.5E (76-22)	Ton	315
16350	Asphalt Concrete Ty. SM-12.5A	Ton	315
16352	Asph. Con. Ty. SM-12.5ASL (Spot Level)	Ton	315
16355	Asphalt Concrete Ty. SM-12.5D	Ton	315
16357	Asph. Con. Ty. SM-12.5DSL (Spot Level)	Ton	315
16360	Asphalt Concrete Ty. SM-12.5E (76-22)	Ton	315
16365	Asphalt Concrete Ty. IM-19.0A	Ton	315
16370	Asphalt Concrete Ty. IM-19.0D	Ton	315
16373	Asphalt Concrete Ty. IM-19.0A (T)	Ton	315
16374	Asphalt Concrete Ty. IM-19.0D (T)	Ton	315
16377	Asphalt Concrete Ty. BM-37.5	Ton	315
16379	Asphalt Concrete Ty. IM-19.0T	Ton	315
16390	Asphalt Concrete Ty. BM-25.0A	Ton	315
16392	Asphalt Concrete Ty. BM-25.0D	Ton	315
16395	Asphalt Concrete Ty. BM-25.0A (T)	Ton	315
16397	Asphalt Concrete Ty. BM-25.0D (T)	Ton	315
16400	Stone Matrix Asphalt SMA-9.5(70-22)	Ton	ATTD
16401	Stone Matrix Asphalt SMA-9.5(76-22)	Ton	ATTD
16402	Stone Matrix Asphalt SMA-12.5(70-22)	Ton	ATTD
16403	Stone Matrix Asphalt SMA-12.5(76-22)	Ton	ATTD
16404	Stone Matrix Asphalt SMA-19.0(70-22)	Ton	ATTD
16405	Stone Matrix Asphalt SMA-19.0(76-22)	Ton	ATTD
16490	Hot Mix Asphalt Treatment	Ton	ATTD
16500	Surf.Preparation & Restoration Type I	Ton	ATTD
16502	Surf.Preparation & Restoration Type Ii	Ton	ATTD
16504	Surf.Preparation & Restoration Type Iii	Ton	ATTD
67201	NS Asphalt Concrete Overlay	Ton	315
67210	NS Asphalt Concrete	Ton	315
68240	NS Asphalt Concrete	Ton	315

Exhibit 6.3(b)

Form C-16a
August 9, 2013

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
ASPHALT PRICE ADJUSTMENT (PG76-22 or PG 70-28)
DESIGN-BUILD PROJECTS**

INSTRUCTIONS - This form is to be completed and returned ONLY when asphalt concrete items containing PG 76-22 or PG 70-28 is being utilized on the project.

PROJECT NUMBER: C00001765DB81

DISTRICT: Hampton Roads

Bid Prices in this contract for items containing PG 76-22 or PG 70-28 asphalt cement were developed using an f.o.b.

price of \$ 628.00 per IMPERIAL ton for PG 76-22 or PG 70-28. This quote is project specific.

Price quotes signed by each supplier from which the Design-Builder proposes to obtain PG 76-22 or PG 70-28 shall be maintained by the Design-Builder. These quotes shall be retained on site during the life of the Contract for review by the Engineer upon request.

DATE: August 11, 2015

SIGNATURE: _____



The LANE Construction Corporation
(Firm or Corporation)

L 002

(Vendor No.)

EXHIBIT 6.3 (c)
ADJUSTMENT FOR FUEL

VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
OPTIONAL ADJUSTMENT FOR FUEL
DESIGN-BUILD PROJECTS

June 30, 2011
(Revised) November 5, 2012

In the event the Design-Builder elects to seek adjustment for fuel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract.

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in fuel used on specific items of work identified in this provision. A master listing of standard items eligible for fuel adjustment is provided by the Department on its website at the following link <http://www.virginiadot.org/business/resources/masteroptionalfuelitems.pdf>. The listing on the web site also includes the corresponding fuel factor for each item. The fuel usage factor for each item is considered inclusive of all fuel usage.

The amount of adjustment will be computed from the change in the indexes and the on-site fuel use as shown in the Department's master listing of eligible items.

In order to be eligible for fuel adjustment under this provision, the Design-Builder shall clearly identify in within the Schedule of Values those pay items and the associated quantities it chooses to have fuel adjustment applied to in its work packages. Items the Design-Builder claims in its application of payment for fuel adjustments must be properly designated in order to be considered for adjustment. Items not properly designated or left out of the Design-Builder's Schedule of Values will automatically not be considered for adjustment.

The monthly index price to be used in the administration of this provision will be calculated by the Department from the Diesel fuel prices published by the U. S. Department of Energy, Energy Information Administration on highway diesel prices, for the Lower Atlantic region. The monthly index price will be the price for diesel fuel calculated by averaging each of the weekly posted prices for that particular month.

For the purposes of this provision, the base index price will be calculated using the data from the month preceding the receipt of bids. The base index price will be posted by the Department at the beginning of the month for all bids received during that month.

The current index price will be posted by the Department and will be calculated using the data from the month preceding the particular estimate being vouchered for payment.

The current monthly quantity for eligible items of work selected by the Design-Builder for fuel adjustment in its work packages will be multiplied by the appropriate fuel factor to determine the gallons of fuel to be cost adjusted. The amount of adjustment per gallon will be the net difference between the current index price and the base index price. Computation for adjustment will be made as follows:

$$S = (E - B) QF$$

Where; S = Monetary amount of the adjustment (plus or minus)

B = Base index price
E = Current index price
Q = Quantity of individual units of work
F = Appropriate fuel factor

Adjustments will not be made for work performed beyond the original contract time limit unless the original time limit has been changed by an executed Work Order.

If new pay items are added to this contract by Work Order and they are listed in the Department's master listing of eligible items, the Work Order must indicate which of these individual items will be fuel adjusted; otherwise, those items will not be fuel adjusted. If applicable, designating which new pay items will be added for fuel adjustment must be determined during development of the Work Order and clearly shown on the Work Order form. The Base Index price on any new eligible pay items added by Work Order will be the Base Index price posted for the month in which bids were received for that particular project. The Current Index price for any new eligible pay items added by Work Order will be the Index price posted for the month preceding the estimate on which the Work Order is paid.

When quantities differ between the last monthly application of payment prepared upon final acceptance and the final application of payment, adjustment will be made using the appropriate current index for the period in which that specific item of work was last performed.

In the event any of the base fuel prices in this contract increase more than 100 percent (i.e. fuel prices double), the Department will review each affected item of work and give the Design-Builder written notice if work is to stop on any affected item of work. The Department reserves the right to reduce, eliminate or renegotiate the price for remaining portions of affected items of work.

Any amounts resulting from fuel adjustment will not be included in the total cost of work for determination of progress or for extension of contract time.

X I elect to use this provision

 I elect not to use this provision

Date: August 11, 2015

Signature: 

Design-builder: The LANE Construction Corp.

Vendor No.: L 002

EXHIBIT 6.3(d)
ADJUSTMENT FOR STEEL

VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
PRICE ADJUSTMENT FOR STEEL
DESIGN-BUILD PROJECTS

June 30, 2011

In the event the Design-Builder elects to seek adjustment for steel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. If new pay items which involve steel are established by Work Order, they will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in steel used on specific items of work identified in the Price Proposal/contract in accordance with this provision. Provided at the end of this provision is a master listing of standard bid items the Department has determined are eligible for steel price adjustment. Inventoried materials from the listing of eligible items are specifically excluded for consideration. In addition, concrete items where reinforcing steel is normally included in the unit bid price for the item such as (but not limited to) drop inlets, median barriers, sound barrier walls, bridge railing and parapets, are not eligible for consideration under this provision.

The requirements of this provision shall apply only to material cost changes that occur between the date of the opening of the Price Proposal and the date the material is shipped to the fabricator. To be eligible for this price adjustment, Design-Builder is required to fill out the accompanying Form for Price Adjustment for Eligible Steel Items on Design-Build Projects and submit the same with its Price Proposal for the Project. By signing the Form and submitting it with its Price Proposal Design-Builder declares its intention to participate in the price adjustment in its contract with the Department. For the purposes of this provision, the prices listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build projects are fixed for cost and adjustment calculations regardless of quantities incorporated into final design. Further, in order for steel items to be eligible for adjustment, once shipped to the fabricator, the items shall be specifically stored, labeled, or tagged, recognizable by color marking, and identifiable by project for inspection and audit verification.

Design-Builder shall upon request furnish documentation supporting the price per pound for eligible steel items as shown on the Form for Price Adjustment for Eligible Steel Items on Design-Build Projects furnished with its Price Proposal. Design-Builder must use the format as shown with this Form; no other format for presenting this information will be permitted. Design-Builder shall certify that all items of documentation are original and were used in the computation of the price per pound amount for the represented eligible pay items for the month the Price Proposal was opened. This documentation shall support the base line material price ("Base Price") of the steel item only. Base price per pound shall not include the following cost components: fabrication, shipping, storage, handling, and erection.

Failure to submit all documentation required or requested supporting the per pound prices on eligible steel items will result in Design-Builder being ineligible for a price adjustment of any or all steel items.

Price adjustment of each qualifying item under consideration will be subject to the following condition:

There is an increase or decrease in the cost of eligible steel materials in excess of 10 percent up to a maximum of 60 percent from the Base Price when compared with the latest published price index ("Price Index") in effect at the time material is shipped to the fabricator.

The Price Index the Department is using is based on The U.S. Department of Labor, Bureau of Labor Statistics, Producers Price Index (PPI) which measures the average price change over time of the specific

steel eligible item from the perspective of the seller of goods. The Master List table provided at the end of this provision indicates the Producers Price Index (PPI) steel category index items and the corresponding I.D. numbers to which VDOT items will be compared. **Please note:** The Producers Price Index (PPI) is subject to revision 4 months after original publication, therefore, price adjustments and payments will not be made until the index numbers are finalized.

The price adjustment will be determined by computing the percentage of change in index value beyond 10 percent above or below the index on the date of opening of Design-Builder's Price Proposal to the index value on the date the steel material is shipped to the fabricator (Please see included sample examples). Weights and date of shipment must be documented by a bill of lading provided to the Department. The final price adjustment dollar value will be determined by multiplying this percent increase or decrease in the index (after 10%) by the represented quantity of steel shipped, by the Base Price per pound subject to the limitations herein.

Price increase/decrease will be computed as follows:

$$A = B \times P \times Q$$

- Where;
- A = Steel price adjustment in lump sum dollars
 - B = Average weighted price of steel submitted in Design-Builder's Price Proposal for project in price per pound as listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build Project
 - P = Adjusted percentage change in PPI average from shipping date to date of opening of Price Proposal minus 10% (0.10) threshold
 - Q = Total quantity of steel in pounds shipped to fabricator for specific project

The need for application of the adjustments herein to extra work will be determined by the Engineer on an individual basis and, if appropriate, will be specified on the Work Order.

This price adjustment is capped at 60 percent. This means the maximum "P" value for increase or decrease that can be used in the above equation is 50% (60%-10% threshold).

Calculations for price adjustment shall be shown separate from the monthly progress payment for work packages and will not be included in the total cost of work for determination of progress or for extension of contract time.

Upon Department review and due process consideration for redress by Design-Builder, any apparent evidence to unbalance the price supplied by Design-Builder in favor of items subject to price adjustment will result in ineligibility for Department participation under this provision.

Must be supplied with Price Proposal for Department Participation

(All prices to be supported by project-specific quotes)

DATE FOR RECEIPT OF PRICE PROPOSAL August 11, 2015

Note: All prices (costs) are to include any surcharges on materials quoted. Vendors must include this surcharge with their cost. All prices (costs) are F.O.B. from the originating mill.

[illegible]

We/I, the undersigned, understand that by supplying prices for the steel items listed above and signing this form we are declaring our desire to apply the Special Provision For Steel Adjustment for Design-Build Projects to this Price Proposal and contract. The terms and conditions for participation are as stated in the Special Provision For Steel Adjustment for Design-Build Projects.

The LANE Construction Corporation
Design-Build

August 11, 2015
Date

Sample Calculation of a Price Adjustment (increase)

Project bid on April 28, 2004.

Project has 450,000 lb. of eligible structural steel.

Design Builder's *f.o.b. supplier price for structural steel submitted in the Price Proposal is \$0.2816 per pound.

*free on board

Adjusted** BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 139.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 161.1

Adjustment formula is as follows:

$$A = B \times P \times Q$$

Where;

- A = Steel price adjustment in lump sum dollars
- B = Average weighted price of steel submitted in the Price Proposal for Design-Build project in \$ per pound
- P = Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold
- Q = Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (161.1 - 139.6) / 139.6 - 0.10 = 0.054$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.054 \times 450,000$$

$$A = \$6,842.88 \text{ pay adjustment to Design-Builder}$$

Sample Calculation of a Price Adjustment (decrease)

Project bid on April 28, 2004.

Project has 450,000 lb. of eligible structural steel.

Design-Builder's *f.o.b. supplier price for structural steel submitted in the Price Proposal is \$0.2816 per pound.

*free on board

Adjusted BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 156.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 136.3

Adjustment formula is as follows:

$$A = B \times P \times Q$$

Where;

- A = Steel price adjustment in lump sum dollars
- B = Average weighted price of steel submitted in the Price Proposal for Design-Build project in \$ per pound
- P = Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold
- Q = Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds

$$B = \$0.2816$$

$$P = (156.6 - 136.3) / 156.6 - 0.10 = 0.030$$

$$Q = 450,000 \text{ lb.}$$

$$A = 0.2816 \times 0.030 \times 450,000$$

$$A = \$3,801.60 \text{ credit to Department}$$

MASTER LISTING

STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT

March 18, 2009

BLS Series I. D.

ITEM NUMBER	ITEM DESCRIPTION	UNITS	Number WPU used in \$ adjust.
00519	SHEET PILE, STEEL	SF	avg. 1017 & 101
00540	REINF. STEEL	LB	101704
00542	EPOXY COATED REINF. STEEL	LB	101704
00560	STRUCTURAL STEEL JB-1	LB	avg. 1017 & 101
11030	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
11181	PATCH.HYDR.CEM.CONC. PAVE.	SY	101704
13290	GUARDRAIL GR-8 (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13292	GUARDRAIL GR-8A (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13294	GUARDRAIL GR-8B (NCHRP 350 TL-3)	LF	avg. 1017 & 101
13310	GUARDRAIL TERMINAL GR-6 (NCHRP 350)	LF	avg. 1017 & 101
13320	GUARDRAIL GR-2	LF	avg. 1017 & 101
13323	GUARDRAIL GR-2A	LF	avg. 1017 & 101
13331	RAD. GUARDRAIL GR-2	LF	avg. 1017 & 101
13333	RAD. GUARDRAIL GR-2A	LF	avg. 1017 & 101
13335	GUARDRAIL GR-3	LF	avg. 1017 & 101
13341	GUARDRAIL TER. GR-6(WEATHERING STEEL	LF	avg. 1017 & 101
13351	GUARDRAIL GR-8	LF	avg. 1017 & 101
13352	GUARDRAIL GR-8A	LF	avg. 1017 & 101
13353	GUARDRAIL GR-8B	LF	avg. 1017 & 101
13355	GUARDRAIL GR-10	LF	avg. 1017 & 101
13421	MEDIAN BARRIER MB-3	LF	avg. 1017 & 101
13450	MEDIAN BARRIER MB-5	LF	avg. 1017 & 101
13451	MEDIAN BARRIER MB-5A	LF	avg. 1017 & 101
13452	MEDIAN BARRIER MB-5B	LF	avg. 1017 & 101
13545	REINF. STEEL	LB	101704
14502	REINFORCING STEEL	LB	101704
15290	PATCH.CEM.CONC.PAVE.TY.CRCP-A	SY	101704
15302	PATCH.CEM.CONC.PAVE. TY. II	SY	101704
15305	PATCH.CEM.CONC.PAVE.TY. IV-A	SY	101704
17323	GUARDRAIL BEAM *	LF	avg. 1017 & 101
17325	RADIAL GUARDRAIL BEAM *	LF	avg. 1017 & 101
17327	RUB RAIL	LF	avg. 1017 & 101
17353	CABLE GR-3	LF	avg. 1017 & 101
17521	GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17523	RADIAL GUARDRAIL BEAM (WEATHERING STEEL)	LF	avg. 1017 & 101
17525	RUB RAIL (WEATHERING STEEL)	LF	avg. 1017 & 101
22501	FENCE FE-W1	LF	avg. 1017 & 101
22643	FENCE FE-CL	LF	avg. 1017 & 101
22645	FENCE FE-CL VINYL COATED	LF	avg. 1017 & 101
23043	WATER GATE FE-4 TY.III	LF	avg. 1017 & 101
23501	FENCE FE-W1 (FABRIC ONLY)	LF	avg. 1017 & 101
45522	4" STEEL ENCASE. PIPE	LF	101706
45532	6" STEEL ENCASE. PIPE	LF	101706
45562	16" STEEL ENCASE. PIPE	LF	101706
45572	18" STEEL ENCASE. PIPE	LF	101706

45582	24" STEEL ENCASE. PIPE	LF	101706
45584	24" JACKED STEEL ENCASUREMENT PIPE	LF	101706
45592	30" STEEL ENCASE. PIPE	LF	101706
50402	SIGN POST STEEL 3"	LF	101706
50404	SIGN POST STEEL 4"	LF	101706
50406	SIGN POST STEEL 6"	LF	101706
50410	SIGN POST STEEL 10"	LF	101706
50412	SIGN POST STEEL 12"	LF	101706
50414	SIGN POST STEEL 14"	LF	101706
50416	SIGN POST STEEL 16"	LF	101706
50418	SIGN POST STEEL 18"	LF	101706
51317	SIG. POLE MP-1 20' ONE ARM 30'	EA	101706
51319	SIG. POLE MP-1 20' ONE ARM 32'	EA	101706
51325	SIG. POLE MP-1 20' ONE ARM 38'	EA	101706
51327	SIG. POLE MP-1 20' ONE ARM 40'	EA	101706
51329	SIG. POLE MP-1 20' ONE ARM 42'	EA	101706
51331	SIG. POLE MP-1 20' ONE ARM 44'	EA	101706
51337	SIG. POLE MP-1 20' ONE ARM 50'	EA	101706
51339	SIG. POLE MP-1 20' ONE ARM 52'	EA	101706
51341	SIG. POLE MP-1 20' ONE ARM 54'	EA	101706
51344	SIG. POLE MP-1 20' ONE ARM 56'	EA	101706
51346	SIG. POLE MP-1 20' ONE ARM 58'	EA	101706
51347	SIG. POLE MP-1 20' ONE ARM 60'	EA	101706
51348	SIG. POLE MP-1 20' ONE ARM 62'	EA	101706
51368	SIG. POLE MP-1 20' TWO ARMS 36' & 42'	EA	101706
51400	SIG. POLE MP-1 CO. LU. ONE ARM 38	EA	101706
51402	SIG. POLE MP-1 CO. LU. ONE ARM 40	EA	101706
51408	SIG. POLE MP-1 CO. LU. ONE ARM 46	EA	101706
51412	SIG. POLE MP-1 CO. LU. ONE ARM 50	EA	101706
51414	SIG. POLE MP-1 CO. LU. ONE ARM 52	EA	101706
51416	SIG. POLE MP-1 CO. LU. ONE ARM 54	EA	101706
51418	SIG. POLE MP-1 CO. LU. ONE ARM 56	EA	101706
51420	SIG. POLE MP-1 CO. LU. ONE ARM 58	EA	101706
51422	SIG. POLE MP-1 CO. LU. ONE ARM 60	EA	101706
55162	LIGHTING POLE LP-1 30'-4'	EA	101706
55163	LIGHTING POLE LP-1 30'-6'	EA	101706
55166	LIGHTING POLE LP-1 30'-12'	EA	101706
55169	LIGHTING POLE LP-1 35'-6'	EA	101706
55171	LIGHTING POLE LP-1 35'-10'	EA	101706
55176	LIGHTING POLE LP-1 40'-8'	EA	101706
55185	LIGHTING POLE LP-2 TYPE A	EA	101706
55186	LIGHTING POLE LP-2 TYPE B	EA	101706
55187	LIGHTING POLE LP-2 TYPE C	EA	101706
55188	LIGHTING POLE LP-2 TYPE D	EA	101706
55189	LIGHTING POLE LP-2 TYPE E	EA	101706
55190	LIGHTING POLE LP-2 TYPE F	EA	101706
55192	LIGHTING POLE LP-2 TYPE H	EA	101706
60452	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
61700	REINF. STEEL	LB	101704
61704	CORROSION RESISTANT REINF. STEEL	LB	101704
61705	EPOXY COATED REINF. STEEL	LB	101704
61750	STRUCT. STEEL HIGH STRG. PLT. GIRDERS	LB	avg. 1017 & 101
61811	STR. STEEL PLATE GIRDER ASTM A709 GRADE 50	LB	avg. 1017 & 101
61812	STR. STEEL PLATE GIRDER ASTM A709 GRADE 50	LB	avg. 1017 & 101
61813	STR. STEEL PLATE GIRDER ASTM A709 GRADE HPS 50W	LB	avg. 1017 & 101
61814	STR. STEEL PLATE GIRDER ASTM A709 GRADE HPS 70W	LB	avg. 1017 & 101
61820	STR. STEEL ROLLED BEAM ASTM A709 GRADE 36	LB	avg. 1017 & 101

61821	STR.STEEL ROLLED BEAM ASTM A709 GRADE50	LB	avg. 1017 & 101
61822	STR.STEEL ROLLED BEAM ASTM A709 GRADE50W	LB	avg. 1017 & 101
61990	STEEL GRID FLOOR	SF	avg. 1017 & 101
64110	STEEL PILES 10"	LF	avg. 1017 & 101
64112	STEEL PILES 12"	LF	avg. 1017 & 101
64114	STEEL PILES 14"	LF	avg. 1017 & 101
64768	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101
64778	DRIVING TEST FOR 14" STEEL PILE	LF	avg. 1017 & 101
65200	REINF. STEEL	LB	101704
65204	CORROSION RESISTANT REINF. STEEL	LB	101704
65205	EPOXY COATED REINF. STEEL	LB	101704
67086	PED. FENCE 6'	LF	avg. 1017 & 101
67088	PED. FENCE 8'	LF	avg. 1017 & 101
67089	PED. FENCE 10'	LF	avg. 1017 & 101
68100	REINF. STEEL	LB	101704
68104	CORROSION RESISTANT REINF. STEEL	LB	101704
68105	EPOXY COATED REINF. STEEL	LB	101704
68107	STR.STEEL PLATE GIRDER ASTM A709 GRADE50	LB	avg. 1017 & 101
68108	STR. STEEL PLATE GIRDER ASTM A709 GR50W	LB	avg. 1017 & 101
68109	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS50W	LB	avg. 1017 & 101
68110	STR. STEEL PLATE GIRDER ASTM A709 GR.HPS70W	LB	avg. 1017 & 101
68112	STR.STEEL ROLLED BEAM ASTM A709 GR.36	LB	avg. 1017 & 101
68113	STR.STEEL ROLLED BEAM ASTM A709 GR.50	LB	avg. 1017 & 101
68114	STR.STEEL ROLLED BEAM ASTM A709 GR. 50W	LB	avg. 1017 & 101
68115	STRUCT. STEEL	LB	avg. 1017 & 101
68270	REINF. STEEL BRIDGE APPR. SLAB	LB	101704
69060	SHEET PILES, STEEL	SF	avg. 1017 & 101
69100	REINF. STEEL	LB	101704
69104	CORROSION RESISTANT REINF. STEEL	LB	101704
69105	EPOXY COATED REINF. STEEL	LB	101704
69110	STEEL PILES 10"	LF	avg. 1017 & 101
69112	STEEL PILE 12"	LF	avg. 1017 & 101
69113	DRIVING TEST FOR 12" STEEL PILE	LF	avg. 1017 & 101

☐ I elect to use this provision

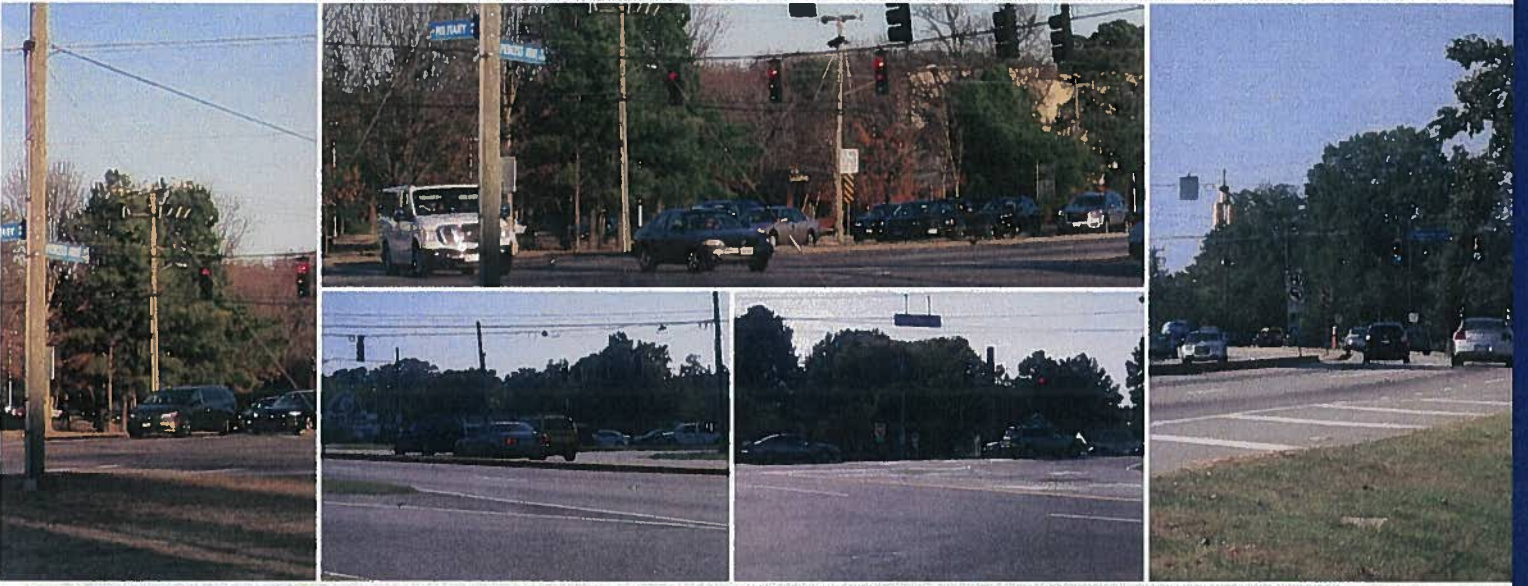
☒ I elect not to use this provision

Date: August 11, 2015

Signature: 

Design-Builder: The LANE Construction Corporation

Vendor No.: L 002




COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE The Lane Construction Corporation As
principal, and ~~Zurich American Insurance Company and Fidelity and Deposit~~
~~Company of Maryland and Liberty Mutual Insurance Company~~ Surety, are held and firmly bound unto the
Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE
BID, lawful money of the United States of America, for the payment of which, well and truly to be made, we
bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally and firmly
by these presents.

SIGNED, sealed and dated this 1st Day of July, 20 15

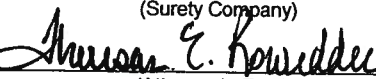
WHEREAS, the above said principal is herewith submitting its proposal for: Military Highway (UPC: 1765, 9783,
PROJECT NUMBER: C00001765DB81 84243), Norfolk City, VA;
C00001765DB81

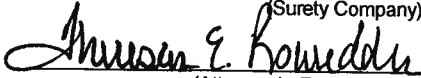
NOW, THEREFORE, the condition of the above obligee is such, that if the aforesaid principal shall be
awarded the contract upon said proposal and shall within the time specified in the Specifications after the
notice of such award enter into a contract and give bond for the faithful performance of the contract, then this
obligation shall be null and void; otherwise to remain in full force and effect and the principal and surety will
pay unto the obligee the difference in money between the amount of the bid of the said principal and the
amount for which the obligee may legally contract with another party to perform the said work if the latter
amount be in excess of the former; but in no event shall the liability exceed the penal sum hereof.

The Lane Construction Corporation
(Principal*)
By: 
(Officer, Partner or Owner) (Seal)
ROBERT L. ALBER, PRESIDENT
(Principal*)

By: _____
(Officer, Partner or Owner) (Seal)
(Principal*)

By: _____
(Officer, Partner or Owner) (Seal)

Zurich American Insurance Company and
Fidelity and Deposit Company of Maryland
(Surety Company)
By: 
(Attorney-in-Fact**) (Seal)
Theresan E. Rowedder, Attorney-in-Fact
One Federal Street, 20th Floor, Boston, MA 02110
(Address)

By: Liberty Mutual Insurance Company
(Surety Company)

(Attorney-in-Fact**) (Seal)
Theresan E. Rowedder, Attorney-in-Fact
By: One Federal Street, 20th Floor, Boston, MA 02110
(Address)

*Note: If the principal is a *joint venture*, each party thereof must be named and execution made by same hereon. If there is more than
one surety to the bid bond, each surety must be named and execution shall be made by same hereon.

Electronic Bid Only: In lieu of completing the above section of the Contract Performance Bond, the Principal shall file an Electronic
Bid Bond when bidding electronically. By signing below the Principal is ensuring the identified electronic bid bond has been
executed and the Principal and Surety are firmly bound unto the Commonwealth of Virginia under the same conditions of the bid
bond as shown above.

Electronic Bid Bond ID#

Company/Bidder Name

Signature and Title

**Attach copy of Power of Attorney

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by **THOMAS O. MCCLELLAN, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Kevin A. WHITE, Mark P. HERENDEEN, Jean CORREIA, Maria CHAVES, Theresan E. ROWEDDER, Bryan HUFT, Jeffrey HENDRICKS and Jane GILSON**, all of Boston, Massachusetts, EACH its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 30th day of May, A.D. 2013.

ATTEST:

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



By: *Eric D. Barnes*
Secretary
Eric D. Barnes

Thomas O. McClellan
Vice President
Thomas O. McClellan

State of Maryland
County of Baltimore

On this 30th day of May, A.D. 2013, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **THOMAS O. MCCLELLAN, Vice President, and ERIC D. BARNES, Secretary**, of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Maria D. Adamski

Maria D. Adamski, Notary Public
My Commission Expires: July 8, 2015



THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Certificate No. 6855141

American Fire and Casualty Company
The Ohio Casualty Insurance Company

Liberty Mutual Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Brian Driscoll; Bryan Huft; Gregory J. Steele; Jane Gilson; Jean Correia; Jeffrey Hendricks; Kevin A. White; Maria Chaves; Mark P. Herendeen; Theresan E. Rowedder

all of the city of Boston, state of MA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 2nd day of February, 2015.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 2nd day of February, 2015, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires March 28, 2017
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Gregory W. Davenport, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 1st day of July, 2015.



By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.



90 Fieldstone Court
Cheshire, CT 06410-1212
203-235-3351
203-237-4280 Fax
www.laneconstruct.com

Resolution unanimously approved by the Board of Directors of The Lane Construction Corporation effective January 1, 2015:


VOTED: That effective January 1, 2015, rescinding all previous authorizations, the following be and hereby are authorized to sign proposals and bid bonds on behalf of this Corporation:

R. E. Alger, President & Chief Executive Officer
D. P. Dobbs, Executive Vice President Administration & Secretary
J. M. Ferrell, Executive Vice President & Chief Financial Officer
K. D. Junco, Chief Operating Officer & Executive Vice President
D. F. Benton, Executive Vice President Operational Services
M. M. Cote, Executive Vice President & Chief Development Officer
J. S. Cruickshank, Executive Vice President & General Counsel
V. J. Caiola, Vice President, Treasurer & Assistant Secretary
A. M. Falsey, Tax Director, Assistant Treasurer & Assistant Secretary
J. P. Lark, Senior Vice President & Assistant Secretary
D. J. Rankin, Senior Vice President & Assistant Secretary
M. A. Schiller, Senior Vice President & Assistant Secretary
T. R. Larson, Vice President Engineering
M. J. Tomkalski, Vice President & Controller
R. A. Bean, Senior District Manager
M. R. Hindt, Senior District Manager
J. O. Hughes, Senior District Manager
D. A. Luzier, Senior District Manager
R. A. McDonough, Senior District Manager
R. L. Portley, Senior District Manager
J. G. Brown, District Manager
M. C. Cuilik, District Manager
C. M. Curran, District Manager
D. J. Eudy, District Manager
G. A. Hassfurter, District Manager
G. F. Jerabek, District Manager
R. P. Lane, District Manager
J. P. McLearn, District Manager
D. B. O'Connor, District Manager
D. J. Phillips, District Manager
K. K. Prince, District Manager
J. F. Roddy, District Manager
W. H. Tomlinson, District Manager
K. P. Cates, Assistant District Manager
C. E. DuBois, Assistant District Manager
K. D. Kennedy, Assistant District Manager
J. E. Kristensen, Assistant District Manager
T. C. Meador, Assistant District Manager
E. G. Ritchie, Assistant District Manager
J. A. Sherman, Assistant District Manager
M. W. Wright, Assistant District Manager
D. W. Grey, Senior National Pursuit Manager
S. A. Leach, Director, Quality
R. Burton, Senior Plant Manager
R. W. Herzig, Senior Plant Manager
D. M. Horton, Senior Plant Manager
J. F. Rauer, Jr., Senior Plant Manager
B. A. Regner, Senior Plant Manager

I hereby certify that the above is a true copy of the Resolution unanimously approved by the Board of Directors of The Lane Construction Corporation effective January 1, 2015, and that the above vote has not been rescinded and stands in full force and effect as of this date.

July 2, 2015

Date


Secretary, THE LANE CONSTRUCTION CORPORATION


State of Connecticut
County of New Haven

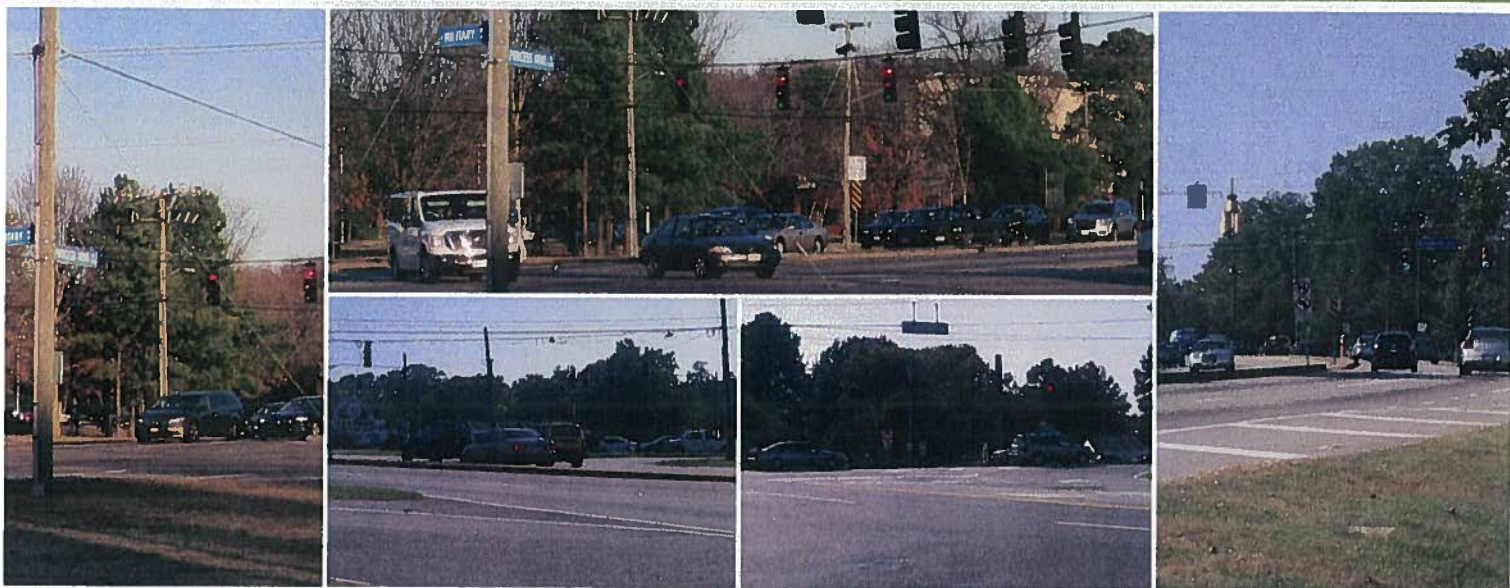
July 2, 2015

Date

Personally appeared before me, Donald P. Dobbs, Secretary, and made oath that the above is a true copy of the December 4, 2014 meeting minutes of the Board of Directors of The Lane Construction Corporation.

An Equal Opportunity Employer M/F/D/V


Patricia A. Delehta, Notary Public
My Commission Expires July 31, 2019



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

PROJECT:

FHWA:

This form must be completed, signed and returned with bid; and failure to do so may result in the rejection of your bid. **THE CONTRACTOR SHALL AFFIRM THE FOLLOWING STATEMENT EITHER BY SIGNING THE AFFIDAVIT AND HAVING IT NOTARIZED OR BY SIGNING THE UNSWORN DECLARATION UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES. A SEPARATE FORM MUST BE SUBMITTED BY EACH PRINCIPAL OF A JOINT VENTURE BID.**

STATEMENT. In preparation and submission of this bid, I, the firm, corporation or officers, agents or employees thereof did not, either directly or indirectly, enter into any combination or arrangement with any persons, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Article 1.1 or Chapter 12 of Title 18.2 (Virginia Governmental Frauds Act), Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

AFFIDAVIT

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Fairfax County, VA, this 11th day of August, 20 15
County (City), STATE

The LANE Construction Corporation
(Name of Firm)

By: [Signature] District Manager
(Signature) Title (print)

STATE of Virginia

COUNTY (CITY) of Fairfax

To-wit:

I Michael L. Howes, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day Kenneth K. Prince

personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 11th day of August, 20 15

[Signature] My Commission expires May 31, 2016
Notary Public

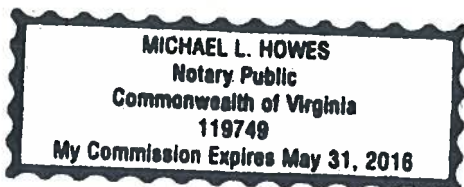
**OR
UNSWORN DECLARATION**

The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at _____, this _____ day of _____, 20 _____
County (City), STATE

(Name of Firm)

By: _____
(Signature) Title (print)



**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT**

PROJECT:

FHWA:

This form must be completed, signed, notarized and returned with bid; and failure to do so, may result in the rejection of your bid. A separate form must be submitted by each principal of a joint venture bid.

1. I, the firm, corporation or officers, agents or employees thereof have neither directly nor indirectly entered into any combination or arrangement with any person, firm or corporation or entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, the effect of which is to prevent competition or increase the cost of construction or maintenance of roads or bridges.

During the preceding twelve months, I (we) have been a member of the following Highway Contractor's Associations, as defined in Section 33.1-336 of the Code of Virginia (1970). (If none, so state).

NAME	Location of Principal Office
<u>VTCA</u>	<u>Richmond, VA</u>
<u>ARTBA</u>	<u>Washington, D.C.</u>
<u>AGC of America</u>	<u>Washington, D.C.</u>

2. I (we) have X, have not _____, participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I/We have X, have not _____, filed with the joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7(b)(1)], and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contract or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contract and subcontract unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Continued)

ORDER NO.:
CONTRACT ID. NO.:

Form C-105
page 2

3. The bidder certifies to the best of its knowledge and belief, that it and its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated above; and
 - (d) Where the bidders is unable to certify to any of the statements in this certification, the bidder shall show an explanation below.

Explanations will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any explanation noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in federal criminal prosecution or administration sanctions. The bidder shall provide immediate written notice to the Department if at any time the bidder learns that its certification was erroneous when submitted or has become erroneous by reason of change circumstances.

The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Fairfax County, VA, this 11th day of August, 20 15
County (City), STATE

The LANE Construction Corporation
(Name of Firm)

By:  District Manager
(Signature) Title (print)

STATE of Virginia

COUNTY (CITY) of Fairfax

To-wit:

I Michael L. Howes, a Notary Public in and for the State and
County(City) aforesaid, hereby certify that this day Kenneth K. Prince

personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

~~Subscribed and sworn to before me this~~ 11th day of August, 20 15
 My Commission expires May 31, 2016

Notary Public





The Lane Construction Corporation

14500 Avion Parkway, Suite 200

Chantilly, VA 20151

www.laneconstruct.com

LANE